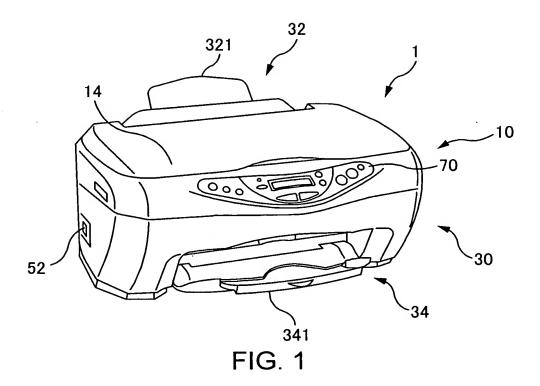
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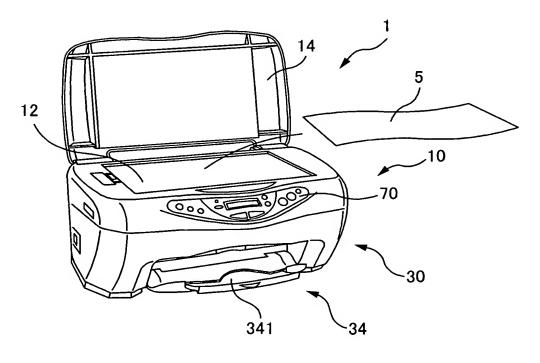
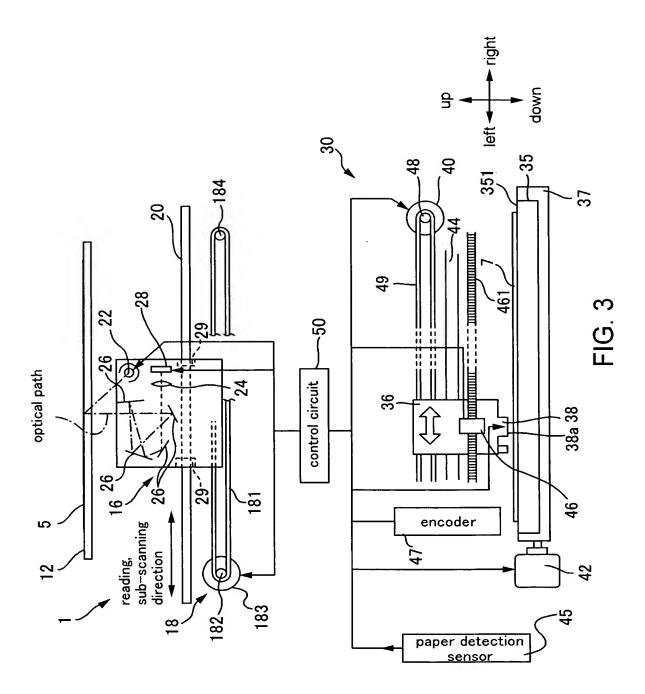


FIG. 2



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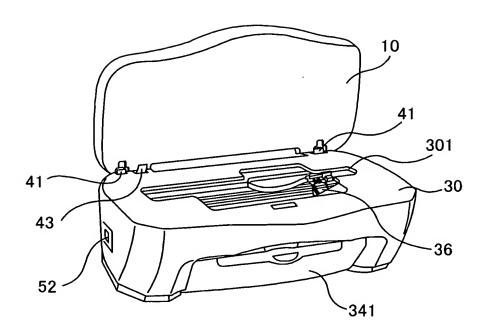
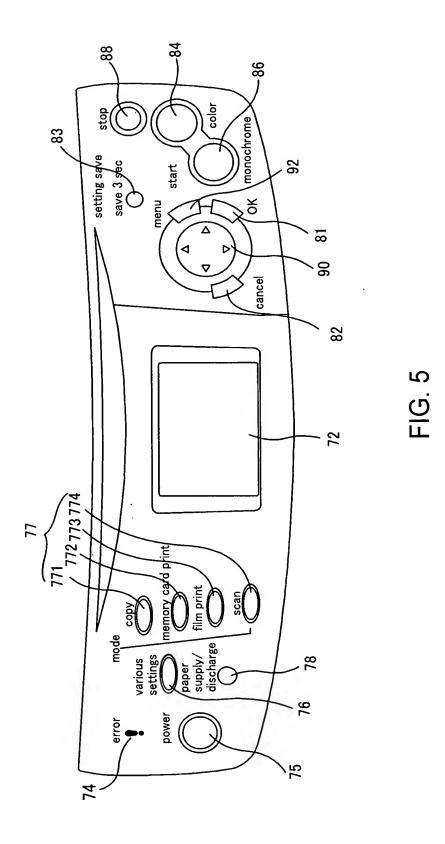
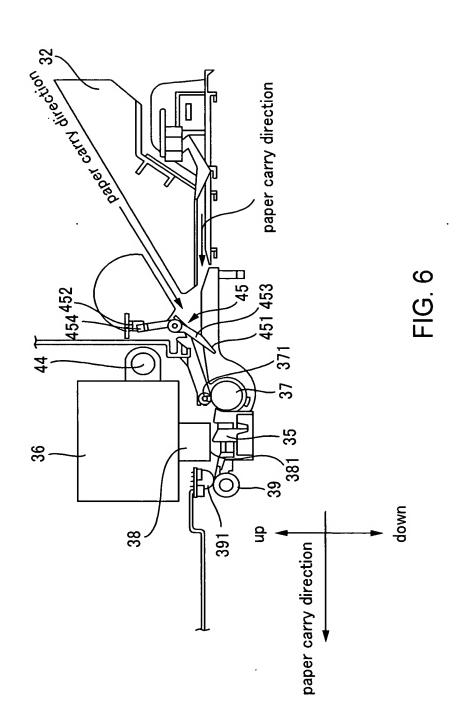
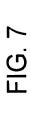
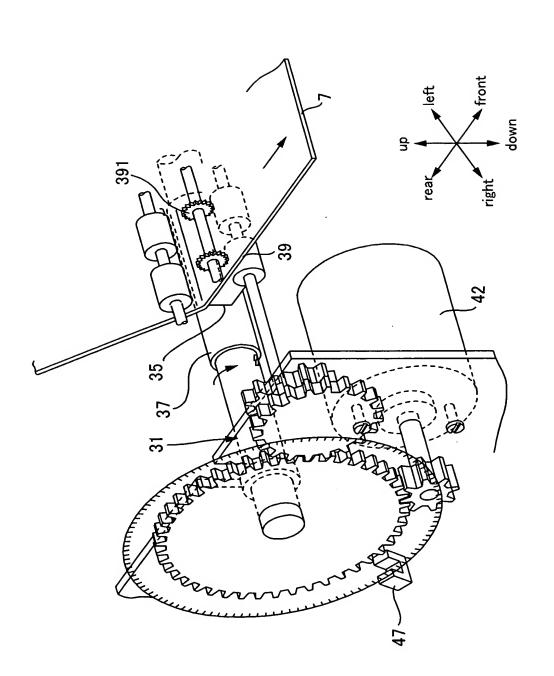


FIG. 4









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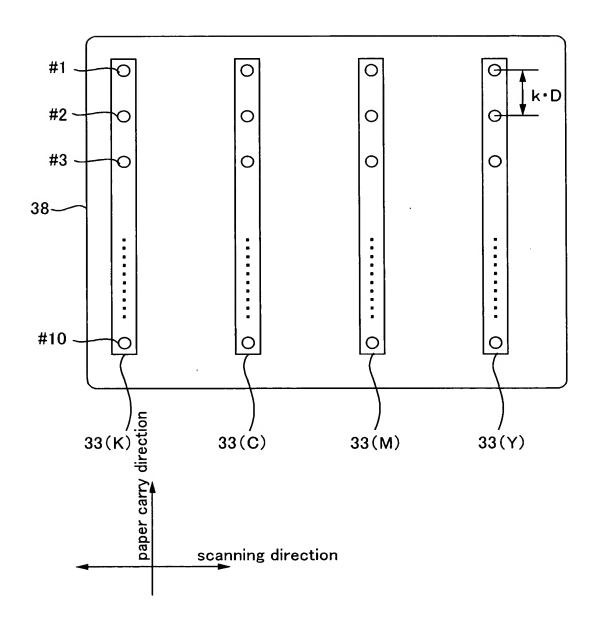


FIG. 8

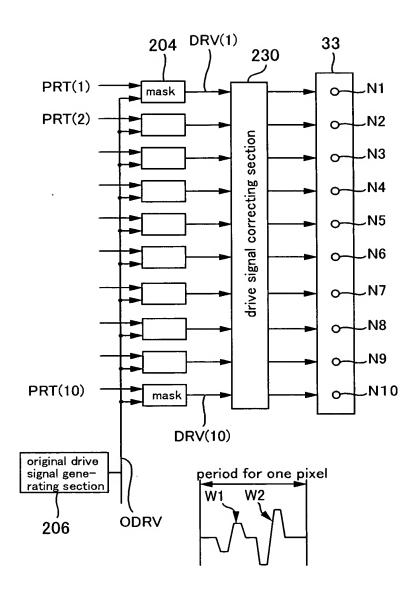


FIG. 9

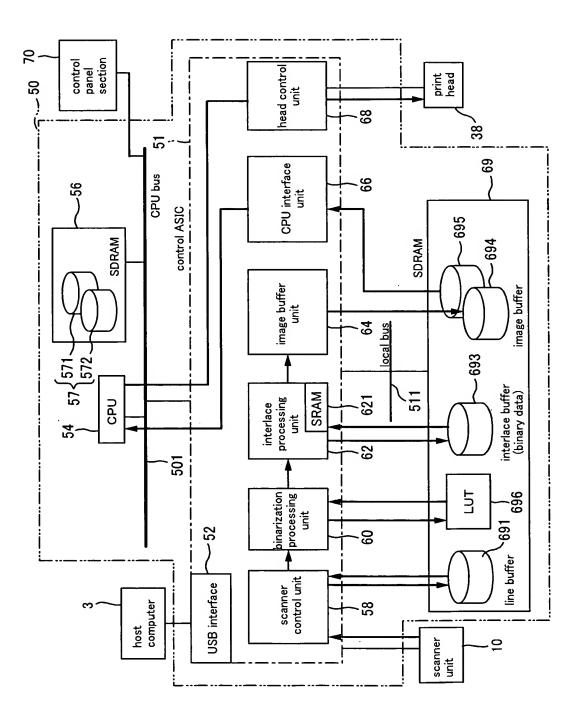


FIG. 10

))		
		88	160	240	320	0	480	260	640	720	800	880	960	1040	1120	1200	1280	1360					(((
		79	159	239	319	399	479	559	639	719	799	879	959	1039	1118 1119 1120	1198 1199 1200	1279	1359								
main-scanning direction		78	158	238	318	398	478	558	638	718	798	878	958	103810391040	1118	1198	1278 1279 1280	1358 1359 1360								
																			••							
n-sc		12	92	172	252	332	412	492	572	652	732	812	892	972	1052	1132	1212	1292								
mair	\	11	91	171	250 251	331	411			651	722 723 724 725 726 727 728 729 730 731 732	811	891	971	1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052	1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132	1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212	1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292								
		10	90	170	250	330	410 411	490 491	570 571	650	730	810	890	970	1050	1130	1210	1290		••			_		7	
		9	89	169	249	329	409	481 482 483 484 485 486 487 488 489	567 568 569	649	729	809	688	969	1049	1129	1209	1289								F. 5
		8	88	162 163 164 165 166 167 168	247 248	328	408	488	268	648	728	808	888	968	1048	1128	1208	1288		٠.					ì	ᅻ
jinal		7	87	167	247	327	404 405 406 407	487	267	647	727	807	887	967	1047	1127	1207	1287								_
orig		9	98	166	246	326	406	486	999	646	726	806	988	996	1046	1126	1206	1286	•							
rom	_	2	85	165	243 244 245	325	405	485	562 563 564 565	645	725	805	884 885	965	1045	1125	1205	1285				L				
ad f	one pixel	4	84	164	244	324	404	484	564	644	724	804	884	964	1044	1124	1204	1284				L				
ls re	Q O	2	83	163	243	323	403	483	563	643	723	803	882 883	963	1043	1123	1203	1283				L				
pixe	Ę/	7	82	162	242	322	402	482	562	642	722	802	_	962	1042	1122	1202	1282				L				
e of		_	81	161	241	321	401	481	561	641	721	801	881	961	1041	1121	1201	1281	••	••				<i>))</i>		
Image of pixels read from original		Q #				42 ~0	-	<u>8</u>		#3 ~0			(;	4 0				#2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				•	•	"		

	B399 B400	319 B320	239 B240	159 B160	B79 B80	399 G400	1319 G320	239 G240	G159 G160	G79 G80	3399 R400	R319 R320	R239 R240	
•	В398 В	B318 B319	B238 B239	B158 B159	B78	G398 G398	G318 G319	G238 G239	G158 G	G78 (R398 R399	R318 F	R238 F	
				3										
	B332	B252	B172	B92	B12	G332	G252	G172	G92	G12	R332	R252	R172	
	B330 B331	B251	B171	B91	B11	G331	G251	1/15	C91	G11	R331	R251	R170 R171	
	B330	B250	B170	B90	B10	G330	G250	G170	G90	G10	R330	R250	R170	
	B329	B249	B169	B89	B9	G329	G249	G169	G89	පි	R329	R249	R169	
	3328	3248	3168	B88	B8	3328	3248	3168	885	85	R328	R248	R168	
	3327	3247	3167	B87	87	3327	3247	3167	C8 3	C7	327	2247	R167 R168 R169	
	3326	3246	3166	98B	98 B	3326	3246	3166	985	95	326	2246	र166।	r
	3325E	3245E	3165E	B85	B2	3325(3245	G165 G166 G167 G168 G169 G170 G171	G85	G5	3325	2245	R164R165R166	
_	3324[E	3244E	3164	B84	B4	3324(3244(3164(G84	ফু	324	2244	र164[
o i xe	3323E	3243E	3163	B83	B3	3323(3243	<u>अ</u> ध्य	83	ಚ	323	2 243 ि	र163	l
one pixe	B322 B323 B324 B325 B326 B327 B328 B329	B242 B243 B244 B245 B246 B247 B248 B249 B250 B251	B162 B163 B164 B165 B166 B167 B168 B169 B170 B171	B82	B2	G322 G323 G324 G325 G326 G327 G328 G329 G330 G331 G332	G242 G243 G244 G245 G246 G247 G248 G249 G250 G251	G162 G163 G164	285	22	322F	R242 R243 R244 R245 R246 R247 R248 R249 R250 R251	R162 R163	l
<u>o</u> /	B321 E	B241	3161E	188	B1	G321	G241	3161	88	G1	R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332	R241 F	R161	
		<u>.</u>	component B161	area			<u>ں</u> یے	component G161	area			<u></u>	onent	area

Image of line buffer (pixel image)

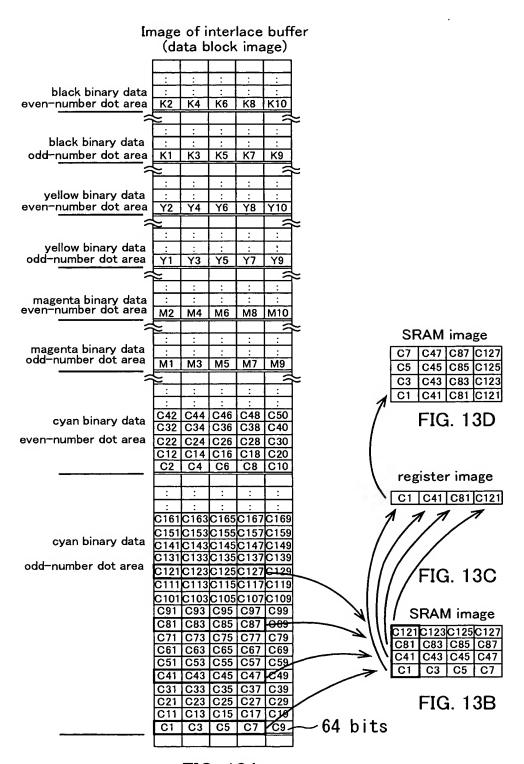


FIG. 13A

	lmag	e of	head	-driv	e da	ta (d	ata b	lock	imag	(e)		
	K10	K50	K90	K130								
	K8	K48		K128								
second area corresponding	K6		K86	K126	•••••							
	K4	K44	K84	K124	• • • • • • • • • • • • • • • • • • • •							
to black nozzies	K2	K42	K82	K122	•••••							
	К9	K49	K89	K129								
	K7	K47	K87	K127								
first area corresponding	K5	K45	K85	K125								
to black nozzles	К3	K43	K83	K123								
to black Hozzies	K1	K41	K81	K121	•••••							
	Y10	Y50	Y90	Y130								
	Y8	Y48	Y88	Y128	• • • • • •							
second area corresponding	Y6	Y46	Y86	Y126								
to yellow nozzles	Y4	Y44	Y84	Y124					•			
	Y2	Y42	Y82	Y122								
	Y9	Y49	Y89	Y129								
G	Y7	Y47	Y87	Y127								
first area corresponding	Y5	Y45	Y85	Y125	• • • • • •							
to yellow nozzles	Y3	Y43	Y83	Y123	• • • • • •							
	Y1	Y41	Y81	Y121	• • • • • •							
	M10	M50	M90	M130								
	M8	M48	M88	M128	•••••							
second area corresponding	M6			M126								
to magenta nozzles	M4			M124					ļ			
	M2			M122								
	M9			M129								
first area corresponding	M7	-	_	M127								
,	M5			M125								
to magenta nozzles	M3	_		M123					ļ			
	M1	M41		M121								
	C10			C130								
second area corresponding	C8		_	C128					\sqcup			
	C6			C126								
to cyan nozzles	C4			C124	-							
	C2			C122								
	C9			C129								
first area corresponding	C7	C47		C127					 			
· -	C5			C125								
to cyan nozzles	C3			C123		0.001	0041	0001			61	hi+a
	C1	C4 I	C81	CIZI	CIBI	G201	C241	C281			~ 04	bits
	\bigvee	\bigvee	\downarrow	\downarrow	\bigvee	\bigvee	\bigvee	\bigvee		\bigvee		
	Q	Q	P	Q	Q	Ŷ	Ŷ	Q		Q		
	7	5	5	-	7	7	5	7		7		
	#1	#2	#3	#4	#5	#6	#7	#8		#'n		

FIG. 14

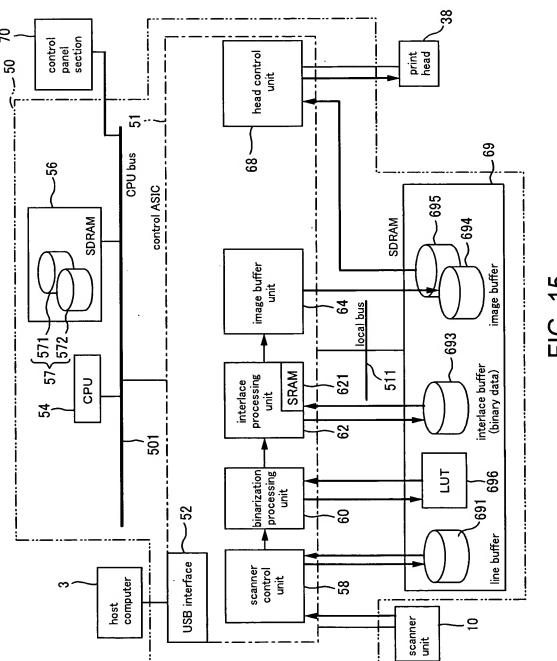


FIG. 15

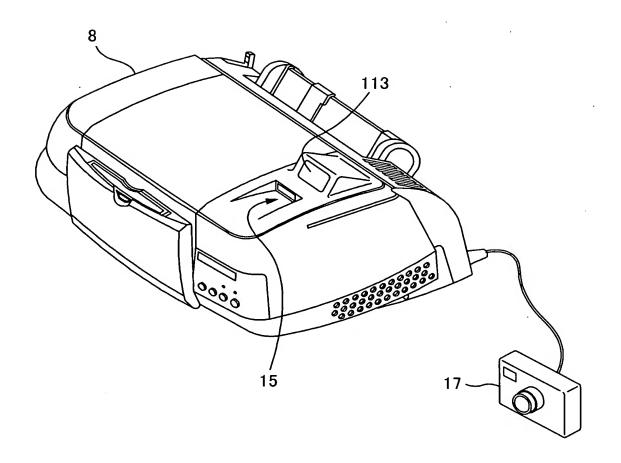
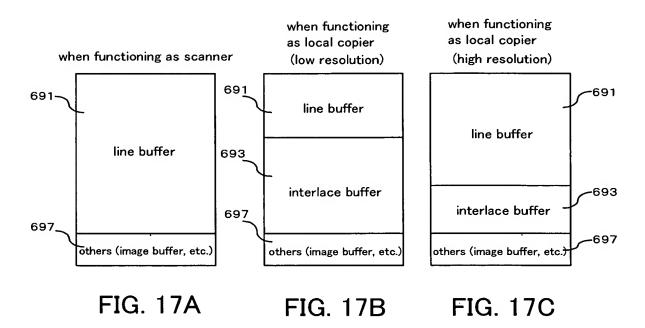


FIG. 16

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		allocated addresses									
op	eration	line buffer	interlace buffer	others							
when as sc	functioning anner	0000h∼CFFFh	none	D000h~FFFFh							
when functioning	low resolution	0000h∼4FFFh	5000h~CFFFh	D000h~FFFFh							
as local copier	high resolution	0000h~7FFFh	8000h~CFFFh	D000h~FFFFh							

FIG. 18

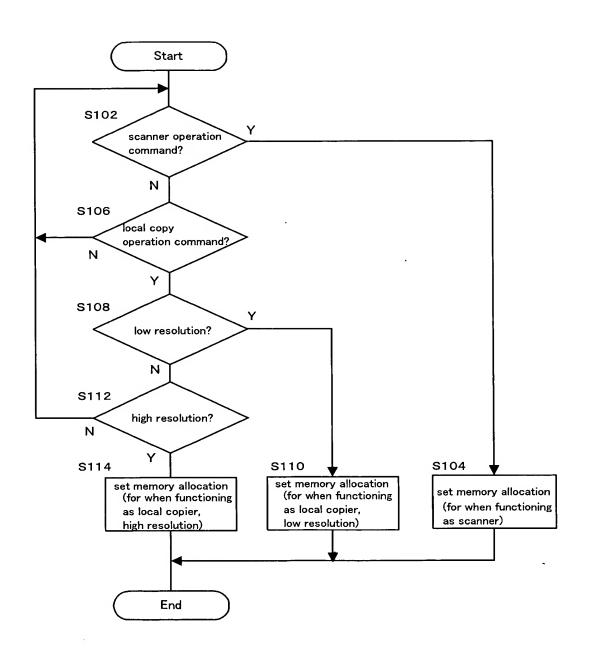


FIG. 19

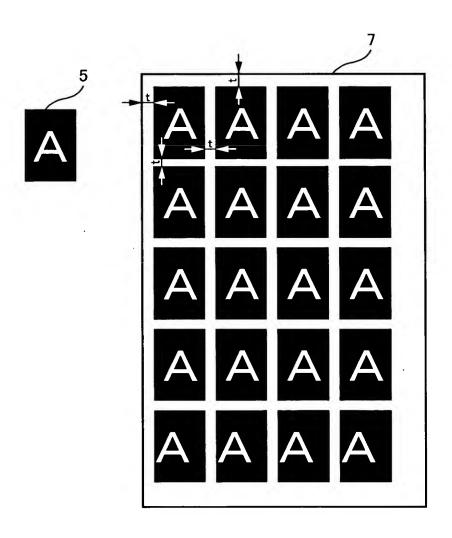


FIG. 20

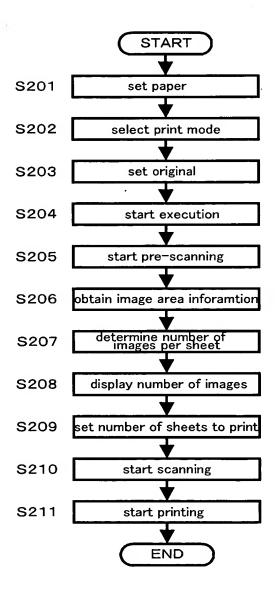
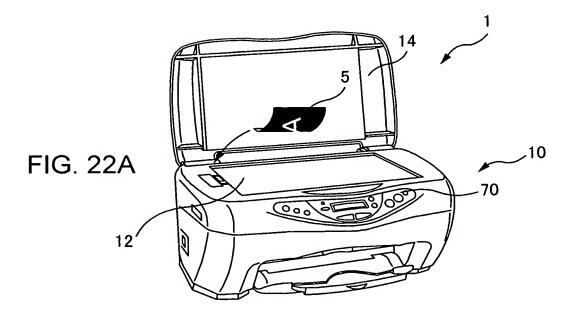
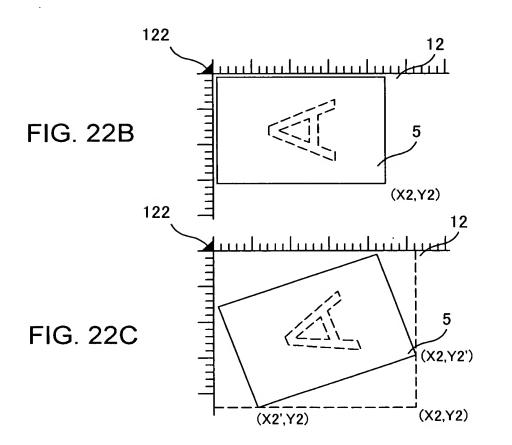


FIG. 21

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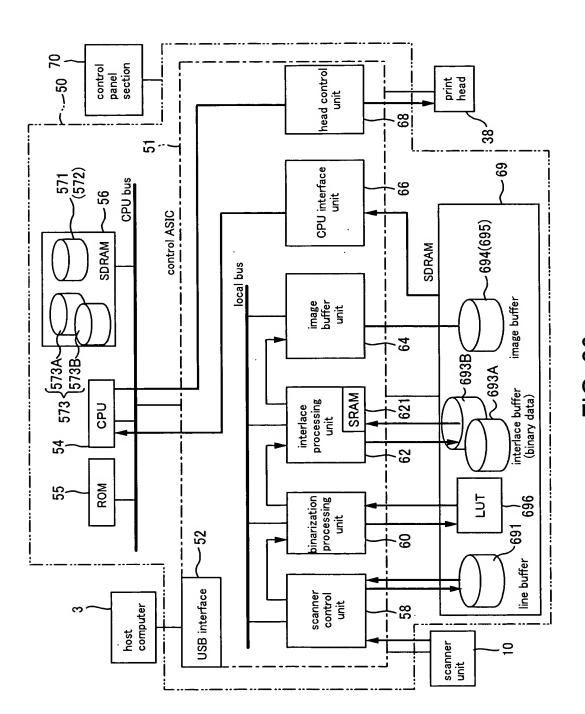


FIG. 23

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FIG. 24

FIG. 25A	
FIG. 25B	
FIG. 25C	
FIG. 25D	:
FIG. 25E	

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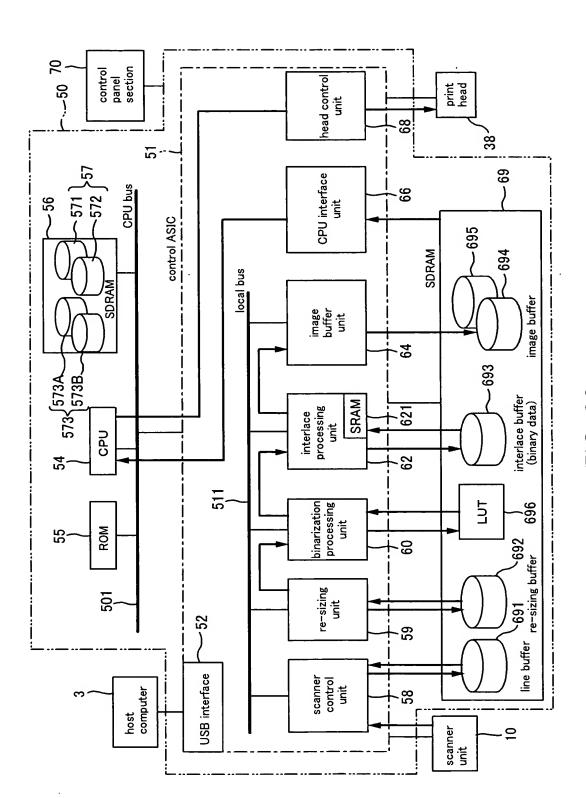


FIG. 26

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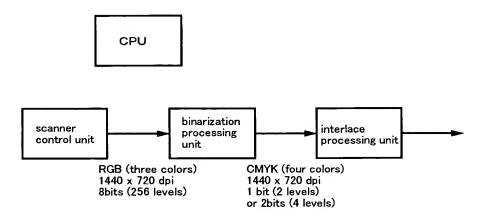


FIG. 27A

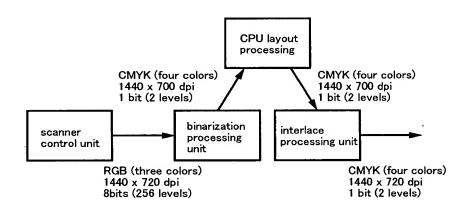


FIG. 27B

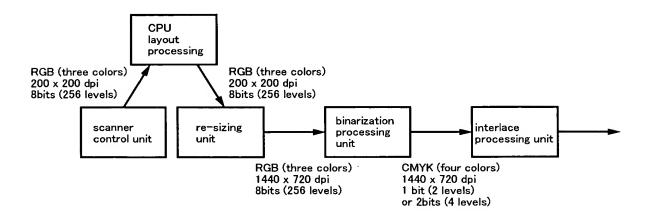
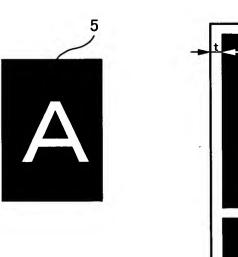


FIG. 27C



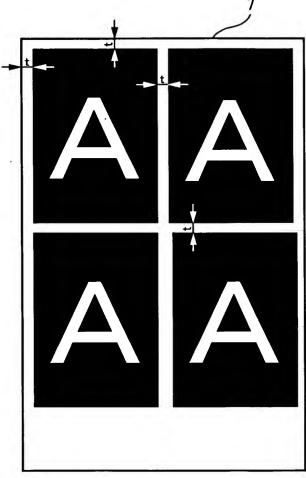


FIG. 28

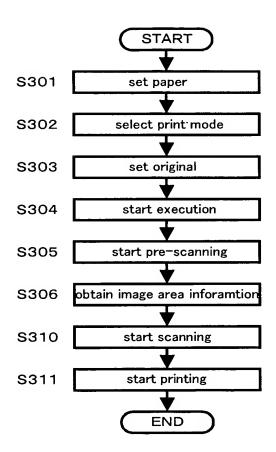


FIG. 29

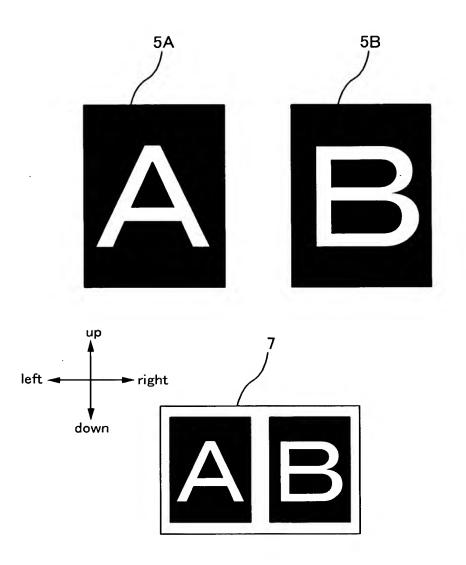


FIG. 30

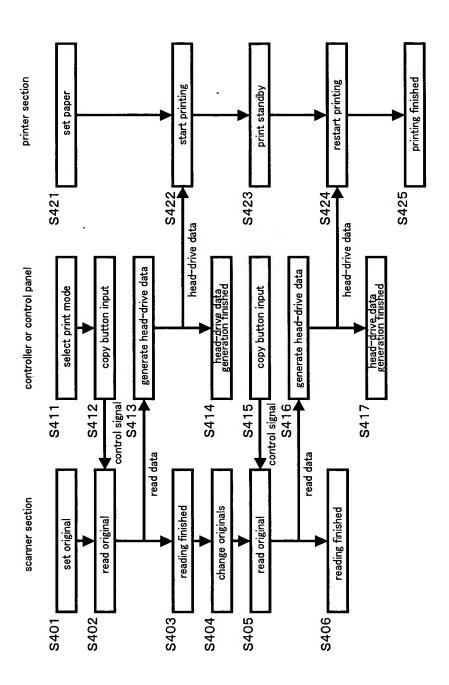


FIG. 331



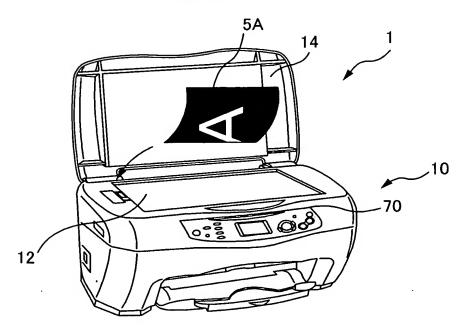


FIG. 32A

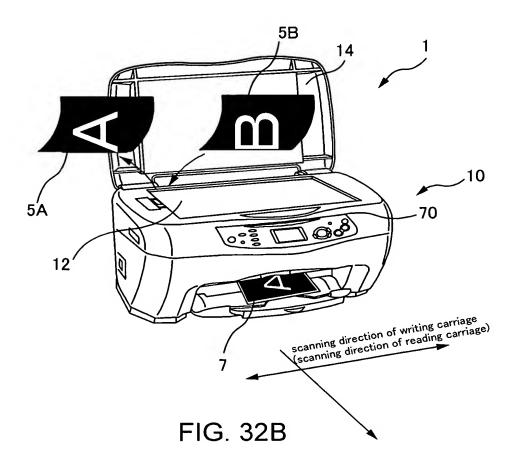


FIG. SSA	
FIG. 33B	
FIG. 33C	
FIG. 33D	
FIG. 33E	
	:
FIG. 33F	•
FIG 33G	

١,

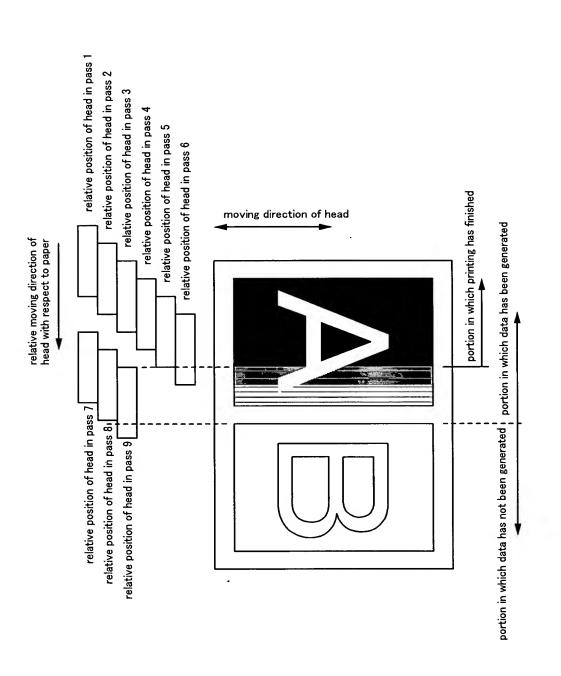


FIG. 34

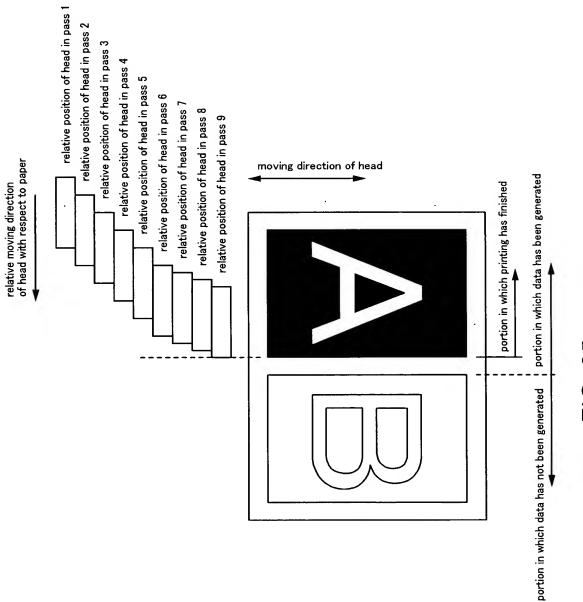
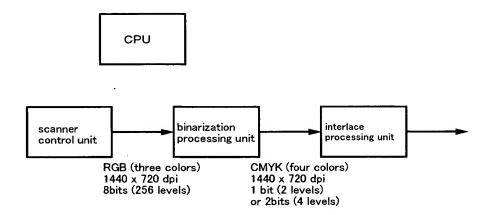


FIG. 35

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FIG. 36A

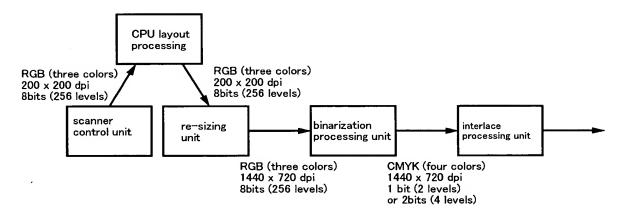
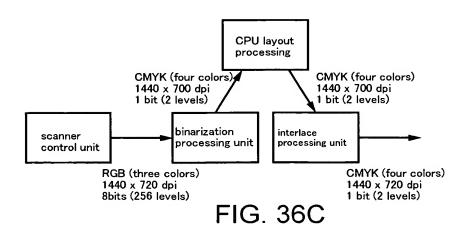
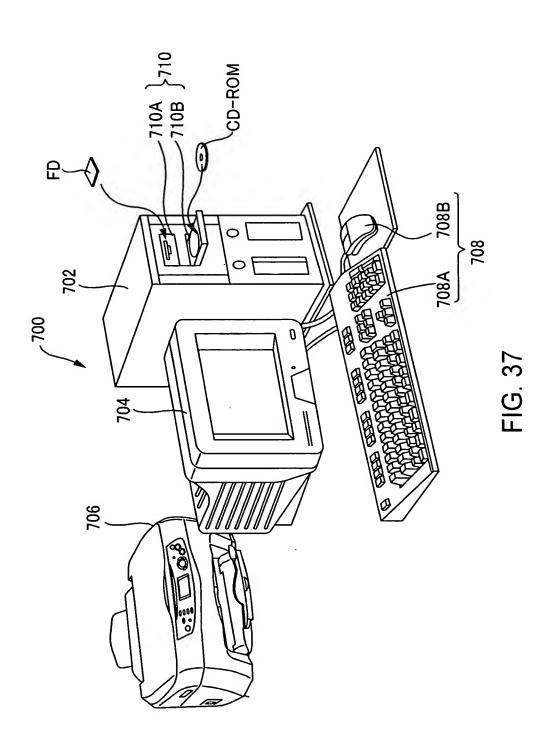


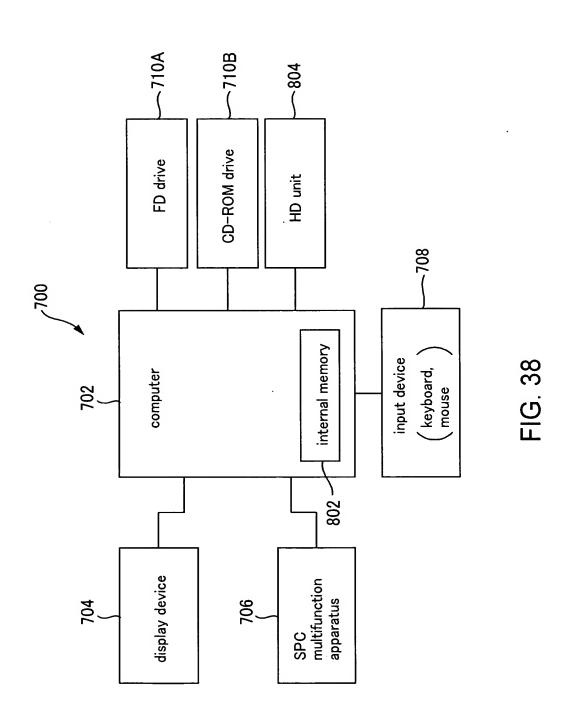
FIG. 36B



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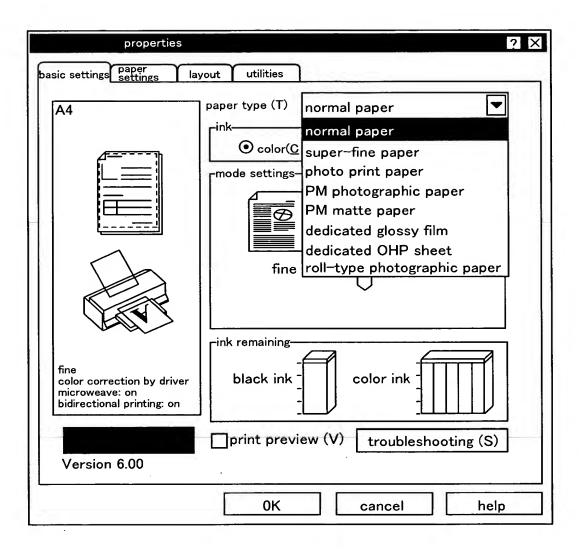


FIG. 39

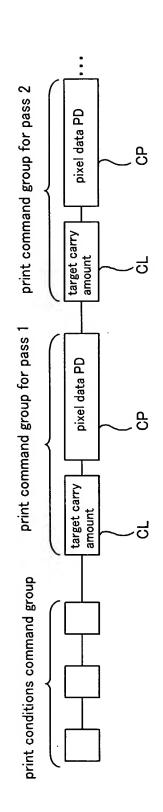


FIG. 40